App. F. IX-4

1929-30
(Sanitary)

File No. 6-29

Previous References
Sany. 11-28 (5+6)

Serial Nos. 1-4

Later References
(Rev. 453 of 33-34)
P. H. 9a-33 &1
" Def. 28/39.
" Def. 196/39.

PRESERVED

General and Revenue Secretariat.

Serial Nos. 4

P-18/E

Part B for October 1929.

SUBJECT

Quarterly report of the Department of Health.

Sls. 4. No. Q. 4843-60 Dt. 5. 10. 29.

To The Revenue Commr. ein mysore.
Sany. Commr. ein mysore
Dupy. Commrs. of Dists
Presidents of Dist Bs. Boards

Directs that the submission of the consolidated quarterly review of Vital Statistics be discontinued.

18/10

G. R. S. III—1] 1929—30

GENERAL AND REVENUE SECRETARIAT.

(Sanitary)

NOTES.

File No. 6 29

FILE HEADING.

Quarterly report of the Dept of Health

From Dr. W. C. Sweet

DQ No. 16 Dated 8.7.1929 Received 8/7/29

Diary No. 198	Enclos. 1 report	Spare Copies. —	Serial No. 1

BRIEF ABSTRACT OF LETTER.

Forwards a copy of the quarterly report of the Mysore Dept of Health for the first quarter of 1929 & requests that the report, ~~if~~ ~~printed~~ if printed, 150 would be required for his office.

NOTES AND ORDERS.

Subd for perusal with a draft. Perhaps 200 copies might be printed, if approved. The question of continuance of other usual quarterly returns of Vital Statistics, which is being separately received from the Sanitary Commissioner, might be looked up after the printed copies are received & ~~if approved~~ Subd for orders.

NOTES—First Sheet.

HM KD
9/7/29

General and Revenue Secretariat

Part File No. 6

App. E III—2] of 1929.

Serial No.

3 3 2 / 9/7

1) For favor of perusal before sending to Press.

DR 9/7

3d Member)

3d 9/7/29

RR 11/7/29

2) Issue the draft. DR 11/7

2 To Supdt Govt Printing

No 9538 dt 12.7.29

Has a copy of the report & requests to print 200 copies of the same and to supply 150 copies to Dr. Smeal & the rest to this office

To Dr. W. C. Smeal

No 9539 dt 12.7.29

Has a copy of the above.

Press slip table 1.8.29 Jom DR 16/7 Reg

3) Subd, 50 printed copies have been received from the Press, may copies be sent to the Offices of the Devan, members of council, Secretariat Depot, Library & the rest sent to records?

Devan & members 8 (2 each)
Secretariat Depot 5
Govt Branch 2+1 (A.S.)
Library 2
Govt Table Records 2 30
50

D Jom 20/8/29

4) Yes. Please put up with routine notes for Subd as proposed. DR 24/8

5) Routine notes Subd. 2 copies of Library, Press Table & records copies may be sent in the Branch Secretariat Jom D 23/8/29 DR 23/8

Note—Contn. Sheet

D.D. 01684—G.P.S.—30,000—20-4-29

G.R.S. III—3]

3

(3

Fin 12 93

Routine Notes.

[To be used only for notes, requisitions, etc., not intended for permanent record.]

DEWAN'S OFFICE.
24 AUG. 1929
No. 8888

Quarterly report of the Mysore Department of Health - 1st January to 31st March 1929.

---

8) Submitted with 2 copies for favour of perusal.

23/8

D E W A N)

9) JM 24/8

PKR 26/8/29

Please

10) See the Dewan's memo Separately sent & ~~[illegible]~~ put with D.S.W. Health & Sanitary memo Health, the Young Copies also to Pers Correspt (Medical Dairy) JM

PKR 26/8/29 dd

GENERAL [illegible] BRANCH
20 AUG. 1929

N.B.—Should routine notes be written on small slips, the notes must be copied, or slips pasted on this form.

Quarterly Report of the Mysore
Department of Health
1st January to 31st March 1929

Copy

1) Copies of reports of the
Health of this Province
also of this Province
for such reports

H. H. the
Yuvaraja

2) Mr. A. Subba Rao
Commandant also
the Daily Post

26/8

3) Please do the
Rest
26/8/29

Urgent. 26/8

DEWAN'S OFFICE
26. AUG. 1929
No. 202

183

General and Revenue Secretariat

1923

Saw File No 6 of 1929

App. F. III—2

Serial No.

DEWAN'S OFFICE
SEP 1929
No. 6035

Please keep 2 Copies in the file. DD

Copies put up
Jom
28/8/29

CHIEF SECRETARY,
29 AUG. 1929

(1) Subd letter ~~[illegible]~~, a DSN dated [illegible] of Submn to HH the Yuvaraja. Action is being ~~[illegible]~~ taken separately & send the Copies to the Press Correspondents

Jom
29/8/29

Chief Secy)

DD
28/8

(2) Mean change the Address of Subm to HH instead of P.S. to HH

RG
29/8/29

DD

(3) 2 Drafts put up

Chief Secy)

DD
29/8

(4) Issue the letter to the Priv. Secy to HH the Yuvaraja & Submit to DSN to the Dewan

RG
30/8/29 DD

To F.C. Devaraja Urs. Pte Secy to HH the Yuvaraja of Mysore London
W.L. 2761 & 31.8.29.
Forwards a Copy of the Report for submission to His Highness.

(5) Remounted after issue

Jom
31/8/29

(6) Draft D.S.N. to put up.

Dewan)

DD
2/8.

(7)

Note—Contn. Sheet

WD 01681—GPB—30,000—20-4-23

(6

Submitted to His Highness.

21/ I beg to submit for His Highness' gracious perusal a copy of the Quarterly Report of the Mysore Department of Health from 1st January to 31st March 1929 received from Dr. W. C. Sweet, B.Sc., M.D.

Mirza M Ismail

D E W A N

Bangalore,

2nd September 1929.

1293
1-9-29

(7)

Record of Cases submitted for the Orders of His Highness the Maharaja.

Subject.

Quarterly report of the Mysore Department of Health from 1st January to 31st March 1929.

96

Order.

KRW
3/9/29

C. Secy
4-9-29

Dy
5/9/29

Serial No.

13/

Subject The ~~report~~ following Comments are for orders:—

(1) whether this quarterly report should be received.

(2) Whether the Quarterly receipt of Vital Statistics which is at present received from the Sanitary Comr should be continued.

(3) The report does not furnish any account of the depot in all its aspects health survey, funeral ~~Sanitation~~ Vital statistics, laboratories. If ~~it~~ details relating ~~reports~~ to districts are added, it will be more interesting & the quarterly returns might perhaps be dispensed with. Submitted for orders. It now appears to be too late for 25/8/29 to review the present report

24/ (1) The issue of the Quarterly Report is not in pursuance of any Govt. order. The object of the Report is explained in the foreward. It is more of the nature of a departmental bulletin and as such it ~~should~~ does not appear to be necessary to review it more especially as the annual report containing all such reports is issued during the year comes up for review once for all.

25/ (2) This Report cannot affect the Quarterly Review of Vital statistics submitted by the Sanitary Commissioner as the latter is again

Note—Contn. Sheet

WD 01684—GPB—30,000—20-4-29

1958 Sanx

General and Revenue Secretariat | File No 6 | App. F. III—21 of 1929

Serial No.

Key W.

Recd from the Secretary Legn.
Gs/13.9.29
CHIEF SECRETARY.
29 AUG. 1929

Meant to be reviewed by G.S. and needful orders passed on matters requiring notice.

Chief Secy)

28/8.

26) I agree
19/9 29

P.T.O.

Note—Contn. Sheet

WD 01684—GPB—30,000—29-4-29

198

(10

San file 6 of 1928-30

6. Stopping the publishing of Quarterly Review of Vital Statistics, in view of the Quarterly reports of the Department now being published.

3089/25/9

27/ Weekly

RG
24/9/29

28/ Draft for Govt approval

MS
24/9/29 3rd Member) dcg 25/9/29

29/ [illegible]
26/9/29

RG
26/9/29

30/ Issue dcg 26/9/29

SR no 4)

To yes Revenue Commr
yes Sans Commr
yes Dys. & Bls
yes Presidents & Dt Blds

No 4843-60 dt 5.10.1929.

Directs that the submission of the consolidated quarterly review of vital statistics be discontinued.

Serial No.

3 Training Day Tours
in such institutions including a
tion of the quarterly returns of Police
statistics may be discontinued.

31) 3/ Subject for perusal as orders
have already issued in the matter
on the 5th inst. No further
action appears to be necessary on
this
10/10 34/ Please put this up with
7/10/29 the other file which has been
marked to the 3d Member today.
10/10

Para 11-29(1)

33) The file referred to has been read
back after perusal & is linked herewith
may this be recorded?
16/10/29

34/ Yes
16/10

17/10/29

Note—Contn. Sheet

WD 01684—GPB—30,000—20-4-29

GENERAL MISCELLANEOUS BRANCH
Fen 198
8 JULY 1929

Urgent.

Sams 6-29-1

D.O. No T.16
8/7/29

Office of the Health Survey
in Mysore,

Bangalore the 8th July 1929.

CHIEF SECRETARY,
8 JULY 1929

Dear Mr. Ranga Rao,

I am sending you with this a copy of the Quarterly Report of the Mysore Department of Health for the first quarter of 1929. I understand from Mr. Sunderarajan that you suggested that this might be printed. We would like 150 copies. If possible they should be booklets of about 9¾" by 7¼"

Since this copy has been unavoidably late in preparation, we would much appreciate it if the Government Printer could expedite the printing.

Yours sincerely,

W. C. Sweet,
Director,
Health Survey in Mysore.

RM 8/7/29

R. Ranga Rao, Esq., B.A., B.L.,
Offg. Chief Secretary
to the Government of Mysore,
Bangalore.

R.B.

APP. F. VI. Gl.]

SUBJECT.....

.....

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Section San

File No. 6-29

Serial No. 2

Diary No. of letter replied to 198

No. 2538/2nd

General and Revenue Secretariat

( )

the *192*

To

The Superintendent

Govt Printing

Date of issue 12.7.29

Signed by W. N. Bwadoo

Sir

In forwarding herewith
a copy of the Annual Report of the
Mysore Dept of Health for the
first quarter of 1929, I am
directed to request you to see
to good as to get the same
print 200 copies as early as possible before
~~arrange for the printing of 200~~
the end of this month. They may be in the
~~Duke as cart as possible. Of the~~
form of booklets of about 9¾" × 7¼".
150 copies might be supplied to
~~Direct~~ the Director of
Health

List of enclosures.....

Copied by.....

Examined by .....

over

VT

Health Survey with Stable letter sent Colonial Office
Proofs magazine sent Colonial Office after Director
of Health Survey before Conference
finally struck off

Thanks

Chief Secretary

Memo 9539 Dec 12.9.29

A Copy of this letter is forwarded
with compliments to the Director
Public Health for information with
reference to his letter No T 16 of 8-7-1929

By order

for Chief Secretary

Jam.
9/12/29

QUARTERLY REPORT

OF THE

MYSORE DEPARTMENT OF HEALTH

JANUARY 1st, to MARCH 31st, 1929

BANGALORE:
PRINTED AT THE MYSORE GOVERNMENT PRESS
1929

FOREWORD.

IN view of the growing work of the Mysore Department of Health, it seemed wise to institute the custom of distribution of quarterly reports of the work accomplished. It is hoped that these reports will be of benefit in keeping the staff in touch with work being done by the Department as a whole, in giving Government more frequent information as to progress and in spreading among the interested people some idea of the scope and character of the health work. It is not possible as yet to give a complete picture of the health work of the State as a whole as it was not thought feasible to ask all local authorities for such information. The present report includes the central and field activities of the central staff and certain of the available local authorities and organisations which have full time Health Officers. As experience in issuing such reports grows, we may hope to include further information of general interest.

One of the aims of the Department is eventually to have a periodical publication on health subjects of interest to the general public but it was not thought possible to include such matter as yet. However, the Department hopes that the present effort will be enough worth while to be received in such a way as to encourage further experiments. As is common in new ventures, the present report has been unduly delayed. Every effort will be made to get future reports distributed as soon after the end of the quarter as possible.

MYSORE DEPARTMENT OF HEALTH.

Sanitary Commissioner.

B. Mahomed Usmon, L.M.S., (up to 31st January 1929).

J. V. Karve, M.B., Ch.B. (Edin.), D.P.H. (Lond.)
(from 1st February 1929).

Health Survey.

W. C. Sweet B.Sc., M.D., C.P.H., International Health Division, Rockefeller Foundation.

Bureau of Vital Statistics.

E. R. Sundararajan, M.A., (Hons).

Stations for the Study of Malaria.

B. Anantaswamy Rao, B.Sc., M.B. B.S., M.P.H.

M. Ramachandra Rao, B.A., M.B. B.S., C.P.H.

Rural Health Unit.

T. Chandrasekhar, B.A., M.B. B.S., M.P.H.

Health Officer, Bangalore City.

J. V. Mascarenhas, M.B. C.M., D.P.H., D.T.M.

Public Health Institute.

M. Dominick, M.R.C.S., D.P.H.

Health Officer, K. G. F.

M. G. Srinivasa Peidpet, L.M.S., B.S.Sc.

Vaccine Institute.

J. A. Iswara Murthi, B.A., L.M.S., B.S.Sc.

Health Officer, Shimoga District.

S. Ramachandra Rao, L.M.S.

Health Officer, Mysore City.

G. N. Seshadri, L.M.S.

Only Officers giving full time service to the Department are included.

Sanitary Commissioner's Office.

Till the end of January, the Senior Surgeon continued to be the *Ex-officio* Sanitary Commissioner assisted in sanitary work by the Deputy Sanitary Commissioner. From 1st February, the post of a whole-time Sanitary Commissioner was revived and the Deputy Sanitary Commissioner's post abolished.

The Sanitary Commissioner is in administrative charge of the Public Health Department and guides its policy and activities.

During the quarter, the Sanitary Commissioner visited the Malaria Experimental Station at Nagenhalli and the Rural Health Unit at Mandya. He visited 17 towns and 22 villages in connection with Cholera, Plague, Smallpox and Guinea-worm control work. Besides routine checking of vaccination work, water supplies, drainage, births and deaths registration, and the administration of bye-laws, municipal and other, the Sanitary Commissioner furnished notes of inspection to the local bodies concerned suggesting remedial measures wherever possible.

Cholera prevailed in Mysore District in epidemic form in the quarter under report and in consequence the jatras of Chunchankatte, Mudukatore and Hemagiri were partially prohibited, and as a result of precautions taken, the jatra went off without resulting in any outbreak of epidemic cholera.

From the 10th to the 16th February *Rajamanthrapravina* K. Matthan, B.A., the third Member of Council, toured in Chitaldrug district on inspection work, examining in particular the efficacy of measures taken to control the spread of Guinea-worm in that district. The Sanitary Commissioner accompanied him in the tour and submitted to Government a brief review of the work done making further recommendations in the matter.

Government have sanctioned certain improvements to the Vaccine Institute and the Sanitary Commissioner paid several visits to the Institute in order to see that improvement work was properly done and the equipment needed was duly received.

Health Survey Office.

During the first quarter of 1929, the Director visited the Stations for the study of Malaria at Nagenhalli and at

Hiriyur, inspecting their work. A survey of public health organization in Mysore City was completed during this quarter and a report submitted by Dr. M. Ramachandra Rao who made the survey. In the report recommendations were made for a Model City Health Department. After due consideration, and revision, these recommendations will be submitted to Government. The Director also went to Bombay during the quarter to meet Dr. V. G. Heiser who is in charge of the work in the East of the International Health Division of the Rockefeller Foundation, as the latter found it impossible to visit Mysore at that time. In March, previous arrangements having been completed earlier, the Director visited Mandya where the Rural Health Unit was being organized. Towards the end of the quarter, the cinema machine, batteries and motor were finally put into working order and plans were made for the exhibition of the Department's Hookworm and Malaria films. The staff engaged in hookworm work made studies of hookworm infection in the Bangalore and Mysore jails but did not find sufficiently heavy infections to make possible the proposed studies on treatment with the suggested new anthelmintic tetrachlorethylene.

Bureau of Vital Statistics.

In the month of January, in pursuance of Government Order No, G. 5865-7—Sany. 2-27-10, dated 17th October 1928, under instructions of the Director, the Vital Statistician toured in the villages of the Heggaddevankote and Hunsur Taluks including the present Sub-Taluk of Periyapatna in connection with the investigation of the present state of birth, death and epidemic disease reports in the Mysore District. In February, Mandya Taluk was taken up for detailed investigation and during the middle of the month, the verification of vital statistics reporting in the Divisions of the Mysore City proper was completed.

The results of this study will be embodied in a report which will shortly be submitted to Government for consideration.

Some of the more important findings may be enumerated as follows :—

(1) Reporting of Vital Statistics is being done in a non-systematic manner.

(2) Reporting in villages and urban areas is done only up to 50 per cent.

(3) The reporting in Mysore City is also not accurate and only 31 per cent of births and 45 per cent of deaths are being reported.

(4) The birth rate and death rate of Mandya Taluk were respectively 45 and 25 per thousand of population in the calendar year 1928.

(5) In Mysore City, in 1928, the birth rate was 75 per thousand, and the death rate was 80 per thousand of population, the high death rate being perhaps mainly due to the virulent epidemic of smallpox in January-April 1928.

(6) Many of the villages visited had suffered or were suffering from smallpox or plague.

A popular method of presenting the mortality statistics of epidemic diseases is decidedly the spot map and the following three maps depict to the eye, at a glance, the extent of mortality in the State from plague, smallpox and cholera, in the quarter January-March 1929. The same method is being pursued to indicate the current statistics month by month in the same map.

Routine work in regard to the tabulation and analyses of the annual mortality statistics received from the districts was attended to. The tables prepared will appear in the Annual Report of the Sanitary Commissioner for 1928 early in August this year.

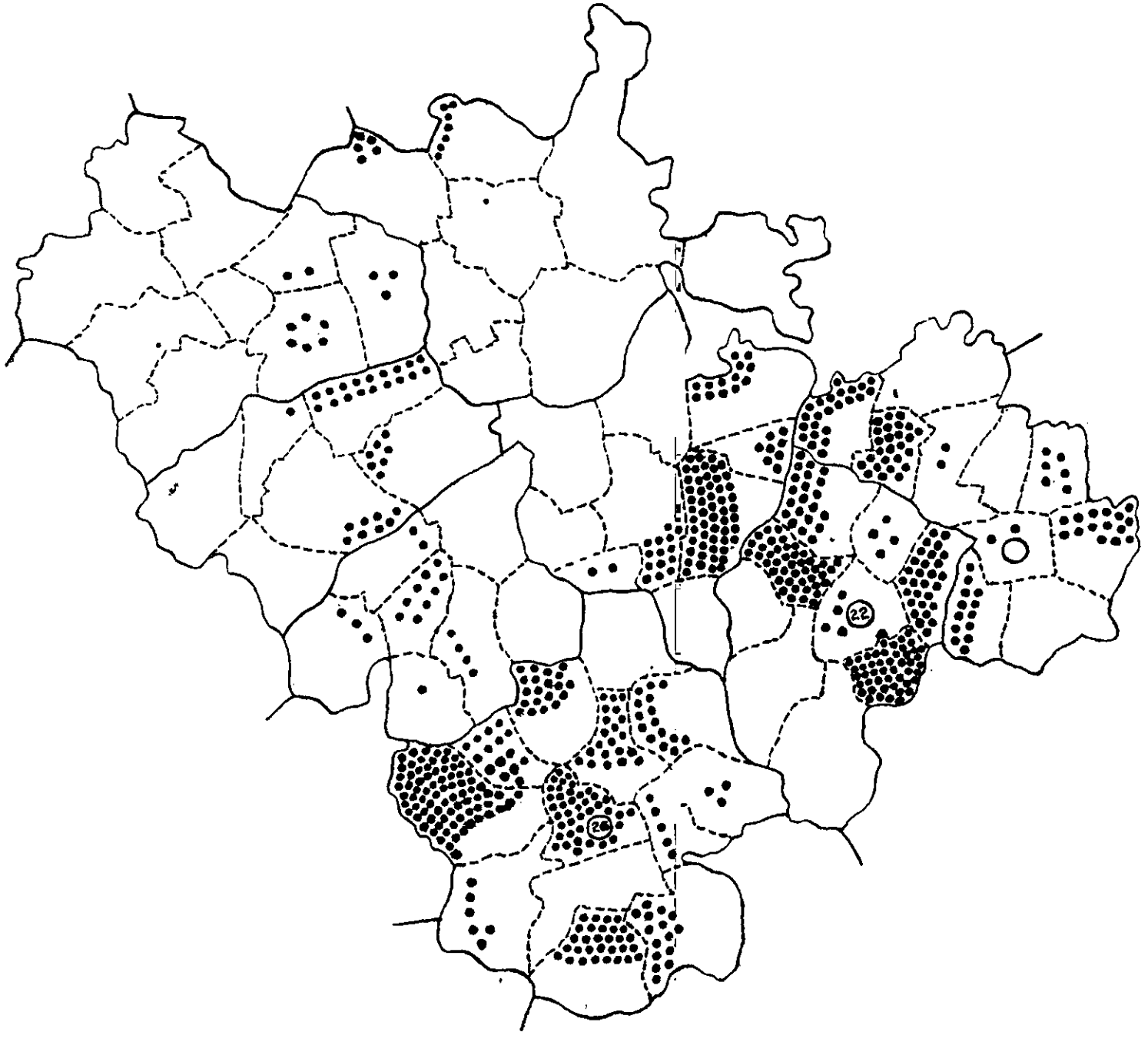
Attacks and deaths from plague, smallpox and cholera reported from the Districts and Cities of Mysore from January 1 to March 31, 1929 are given below:—

District or City	Plague		Smallpox		Cholera	
	A	D	A	D	A	D
1. Bangalore District ...	215	149	...	...	...	...
2. Kolar ,, ...	152	84	41	23	1	1
3. Tumkur ,, ...	130	91	19	5	1	1
4. Mysore ,, ...	453	278	21	11	97	33
5. Hassan ,, ...	61	36	12	3	...	...
6. Shimoga ,, ...	53	11	115	20	1	1
7. Kadur ,, ...	55	34	21	5	14	6
8. Chitaldrug ,, ...	18	12	24	2	...	...
9. Bangalore City ...	29	22	45	8	...	...
10. Mysore do ...	32	26	14	9	..	...
11. Kolar Gold Fields City ..	...	...	94	27	...	..
State ...	1,198	743	406	112	114	42

MYSORE STATE

PLAGUE

(• INDICATES 1 REPORTED DEATH)

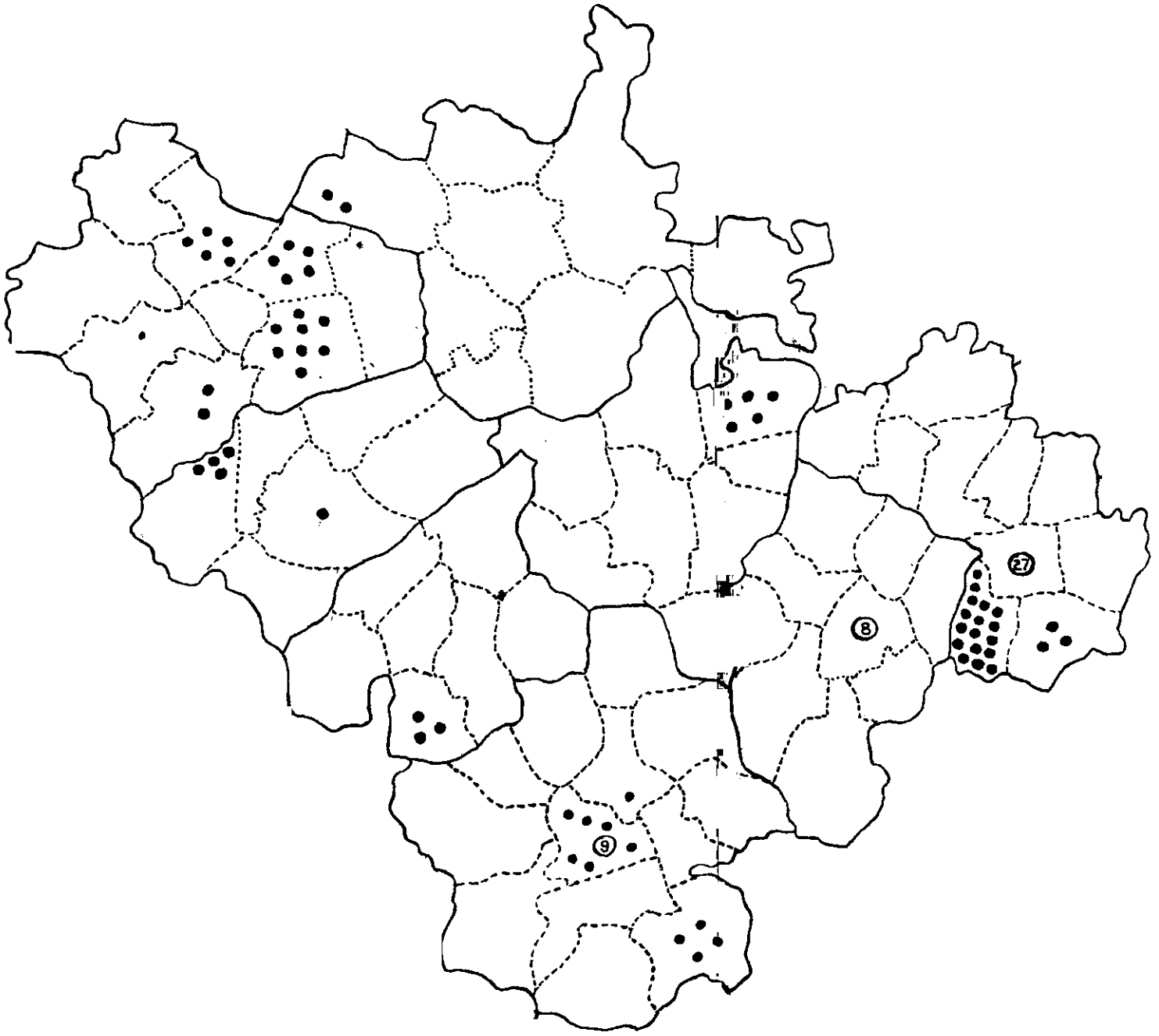


JANUARY 1 TO MARCH 31 1929.

MYSORE STATE

SMALLPOX

(• INDICATES 1 REPORTED DEATH)

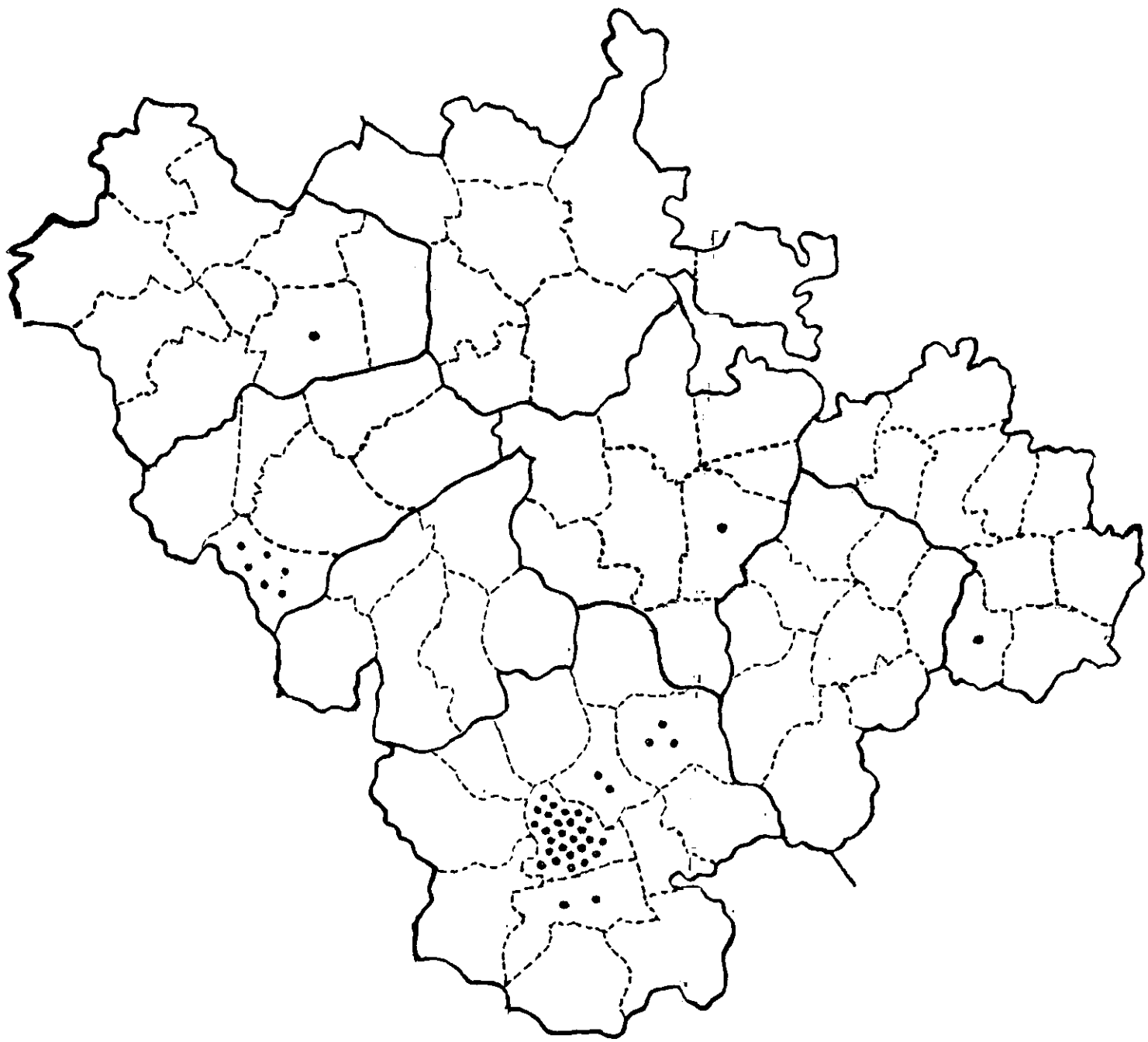


JANUARY 1ST TO MARCH 31ST 1929

MYSORE STATE

CHOLERA

(• INDICATES 1 REPORTED DEATH)



JANUARY 1ST. TO MARCH 31ST 1929.

As per reported figures, plague was common in all the districts, the heaviest being in Mysore district. Cholera was practically confined to Mysore Taluk. Attacks and deaths from smallpox were normal.

Stations for the Study of Malaria.

The following Tables give the summary of work turned out at the Experimental Stations at Nagenhalli, Mudgere and Hiriyur.

No remarks are made on the statistics given as such criticisms would lack in clearness and usefulness because of the absence of similar data for at least one full year previous.

Fæcal Examination made in the Mysore State.

	Mandya Taluk	Miscellaneous	Total
Number of persons examined ...	366	320	686
HOOKWORM.—			
Found infected	162	100	262
Per cent infected	44·3	31·2	38·2
Average per cent per person (basis formed faeces) ...	500	300	400
ASCARIS.—			
Found infected	9	76	85
Per cent infected	2·5	23·7	12·4
TRICHURIS TRICHIURA.—			
Found infected	2	3	5
Per cent infected	0·5	0·9	0·7
OXYRIS VERMICULARIS.—			
Found infected	6	2	8
Per cent infected	1·6	0·6	1·1
HYMENOLEPIS NANA.—			
Found infected	4	2	6
Per cent infected	1·1	0·6	0·9
TRICHOSTONGYLUS ORIENTALIS.—			
Found infected	1	...	1
Per cent infected	0·3	...	0·1

Report on Spleen and Blood Examinations for quarter ending 31st March 1929.

	Nagenahalli			Mudgere			Hiriyur			Total for quarter		
	All Ages											
	No. Ex.	No. In.	Per cent In.	No. Ex.	No. In.	Per cent In.	No. Ex.	No. In.	Per cent In.	No. Ex.	No. In.	Per cent In.
Spleen not examined ...	41	9	21·9	21	8	14·2	5	4	80·0	67	16	23·8
Spleen negative ...	28	4	14·2	102	8	7·8	177	22	12·4	307	34	11·1
P.	21	2	8·8	42	7	16·6	84	24	28·5	150	33	22·0
1.	49	12	24·4	124	25	20.1	59	29	48·8	232	66	28·4
2.	81	23	28·8	105	35	33·2	41	23	56·0	227	81	35·6
3.	94	36	38·2	39	19	49·7	16	10	62·5	149	65	48·6
4.	14	2	14·2	4	...	...	4	2	50·0	22	4	18·1
5.	4	...	...	3	1	33·3	...	...		7	1	14·2
All persons with palpable spleen.	266	75	28·2	317	87	27·4	204	88	43·2	787	250	31·7
Grand Total (all persons)	335	88	26·2	440	98	22·2	386	114	29·5	1,161	300	25·8
Spleen Rates ...	294	266	90·4	419	317	75·6	374	208	55·1	1,087	787	72·4
A. S.		2·84			1·90			1·09			1·87	
A. E. S.		3·18			2·52			2·00			2·58	

Species of Malaria Parasites, quarter ending 31st March 1929.

Age	Nagenhalli				Mudgere				Hiriyur				Total for quarter			
	No. Inf.	Per cent B. T.	Per cent M. T.	Per cent Q.	No. Inf.	Per cent B. T.	Per cent M. T.	Per cent Q.	No. Inf.	Per cent B. T.	Per cent M. T.	Per cent Q.	No. Inf.	Per cent B. T.	Per cent M. T.	Per cent Q.
0— 9 ...	56	67·8	10·7	21·5	82	91·4	4·8	3·8	51	27·4	25·4	47·2	189	67·1	12·1	20·8
10—19 ...	25	64·0	20·0	16·0	13	100·0	...	...	44	29·5	18·1	52·4	82	50·0	15·8	34·2
20 and over ..	7	42·8	28·6	28·6	3	100·0	...	...	19	21·0	39·5	39·5	29	34·4	31·2	34·4
All ages ...	88	64·7	14·7	20·6	98	92·8	4·1	3·1	114	26·3	24·5	49·2	300	59·3	15·0	25·7

Breeding places of larvae and the number of adults caught during the quarter ending 31st March 1929.

Species of Anopheline	Larvae found in						Adults caught in					
	Tanks	Swamps and Pools	Irrigation Channels	Rivers and Streams	Wells and Ponds	Paddy Fields	26 Houses		22 Stables		14 combined Houses and Stables	
							M.	F.	M.	F.	M.	F
A. aconitus ...	...	144	7	...	13	...	1	2	3	37	15	113
A. aitkenii ...	1	2	...	...	...	..	....	...	...	...	...	...
A. barbirostris ...	232	592	218	160	133	42	...	1	...	...	...	2
A. culicifacies ...	...	239	161	1	70	3	19	29	18	185	178	690
A. fuliginosus ...	...	126	63	...	26	2	...	3	...	74	6	233
A. hyrcanus ...	284	894	228	71	152	138	...	1	2	12	4	39
A. jamesii ...	88	300	136	18	6	135	1	4	1	125	10	60
A. jeyporiensis ...	242	1,410	170	139	6	167	2	48	9	1,760	14	50
A. karwari ...	1	9	..	...	...	1	...	...	...	...	...	...
A. majidi ...	1	26	4	1	...	..	...	...	...	1	...	...
A. leucosphyrus ...	..	1	...	...	...	...	...	...	...	...	...	...
A. listonii ...	21	901	175	8	145	8	10	40	11	186	56	362
A. maculipalpis ...	...	44	28	1	2	7	...	1	...	1	...	4
A. minimus ...	...	...	...	...	...	...	...	...	...	7	...	3
A. moghulinsis ...	...	...	..	...	...	...	...	...	...	...	...	...
A. pallidus ...	1	99	39	...	61	1	...	1	10	12	2	25
A. phillippinensis ...	...	...	...	...	...	...	...	...	...	...	...	2
A. stephensii ...	...	33	7	...	8	...	...	23	...	49	11	49
A. subpictus ...	1	622	330	17	317	36	6	235	42	405	120	807
A. tessellatus ...	...	23	13	...	7	...	...	4	...	13	...	5
A. turkhudi ...	...	...	2	...	1	...	...	1	...	...	2	4
A. vagus ...	...	27	16	1	7	16	1	7	1	24	13	84

Rural Health Unit, Mandya.

The Rural Health Unit began work in Mandya town of the Mysore District on March 1, 1929. The Unit was under Dr. T. Chandrasekharaiya acting as Health Officer.

Under him there was an Assistant Health Officer, a Sub-Assistant Surgeon and another Sub-Assistant Surgeon acting as Sanitary Inspector. Three Assistant Inspectors were employed, a vaccinator and a midwife, the latter as a substitute for a public health nurse. The unit also had a clerk and two peons.

The month of March was mainly occupied by a house-to-house survey of Mandya town itself. During the month, 417 houses were thoroughly inspected and records obtained of the 2,533 inhabitants. An effort was also made to check up on the birth and death reporting.

The midwife visited nine adjacent villages making 165 visits in all. She found and gave advice to 97 pregnant women but conducted no labour cases herself.

The vaccinator vaccinated 200 people for smallpox, 187 primary vaccinations and 13 re-vaccinations. Due to the occurrence of several smallpox cases in the town, a special effort was made to increase the number of vaccinations.

Health Department, Bangalore City.

Three hundred and seventy-two anti-plague inoculations were performed.

Seventeen Rodents were received for microscopic examination and negative results were declared in all instances.

The total number of cases vaccinated was 444,1. (4,080 Primary and 361 re-vaccinations.)

Two hundred and five houses were disinfected.

The total number of births registered was 1003.

The total number of deaths registered was 921.

There were 178 deaths of children under one year of age.

The total number of labour cases conducted by the Municipal midwives was 342.

Three hundred and fifty eight stray dogs were destroyed.

Lantern lectures on Plague and Small-pox were given in Malleswaram and Manvarthpet Divisions. Leaflets were distributed in infected localities and in the neighbourhood.

One thousand one hundred and forty five notices were issued against sanitary offences.

Public Health Institute.

Eighteen samples of water, 19 samples of urine and one sample of disinfectant were examined. Of the samples of water sent for examination, two were from the Railway authorities to find out if they were fit for boiler purposes.

Two thousand and one hundred and sixty Examinations were done as follows:—

	Positive	Negative	Total
Blood for Widal's test	77	299	376
,, Wassermann test ...	451	871	1,322
,. Relapsing fever ..	...	2	2
,, Malarial Parasites ..	6	22	28
Smears for Leucocytic Count ...	...	...	5
,, from a dead rat for Plague ...	...	3	3
,, for Bacillus Pestis ...	...	3	3
Cerebro spinal fluid for Wassermann ...	2	10	12
Water samples	...	...	95
Vaginal and Urethral smears ...	1	2	3
Sputum for T. B.	3	25	28
Motion for Ova ...	2	6	8
Nasal smears for lepra bacilli ...	...	3	3
Urine	...	...	4
Sputum Pneumococci	1	...	1
Gland Puncture for B. Pestis ...	1	...	1
Tumours for sections	...	...	5
Motion for Cholera	...	2	2
Auto-vaccine prepared	...	...	5
Smears of blood from the Veterinary department.	...	..	34
Lanoline vaccine from the Vaccine Institute.	...	..	220
Total ...	544	1,248	2,160

Two dead monkeys were sent by the Superintendent, Government Gardens, for examination for plague. In one case plague bacilli were found and reported.

Thirty-three cases with 124 articles were received for examination. Of the cases received, 12 were for suspected human poisoning, 15 for the detection of Mammalian blood, one of abortion, one for alcohol poisoning, one of rape, one ragi sample, one of seeds for Dhatura Poison and one of slides for Gonococci.

In two cases Arsenic was detected, in one case Alcohol was detected and in 14 cases Mammalian blood was detected.

Health Department, Kolar Gold Fields.

Inspections, etc.

1.	Aerated water factories	17
2.	Bakeries, eating houses, etc. ...	72
3.	House to house visits	1,697
4.	Mutton and Beef Stalls	51
5.	Chakna Stalls	60
6.	Houses disinfected	813
7.	Latrines visited	156
8.	Rats destroyed	10,752
9.	Dogs poisoned	297
10.	Vaccinations performed	12,562
11.	Notices	74
12.	Prosecutions	22

Laboratory.

1.	Examination for Anthrax...	15
2.	Malaria Examination	4
3.	Gonococcus	2
4.	Blood for widal	1
5.	Suspected dogs observed for rabies	27
6.	Persons directed for antirabic treatment	10
7.	Water analysis	7

In the Mining Area, the number of smallpox cases in January, February and March 1929 were respectively 16, 12 and 30 whilst in the Sanitary Board Area, the figures were 24, 6 and 8.

Government Vaccine Institute.

Number of calves purchased ... 113
Cost of Calves .... Rs. 1,289 8 0
Number of calves vaccinated 106
Total yield of lymph enough for 104,940 cases besides 2,340 grains of pulp reserved for stock.

Quantity of Lymph supplied.

Within the State .... 69,462 cases.
Outside the State .... 9,210 ,,
Total income realised (including arrears as per accounts in this office).. Rs. 4,181 6 10

Total expenditure .... Rs. 3,713 12 0

Candidates trained in Vaccination.

Sanitary Inspectors	....	Nil
Pupil compounders	....	,,
Midwives	....	,,
Vaccinators	....	,,
Medical students	....	(Final Year Students of the M.B. B.S., and L.M.P. Class of the local Medical Schools.)

Remarks.

1. Lymph issued continued to be Lanoline.
2. One hundred and eighty four samples of lymph were examined bacteriologically 220 times before issue. Five samples were rejected on account of dry and scabby vesicles before bacteriological examination and 2 after on account of B. Pyocyaneous.
3. The following experiments are being carried on from last year.
   (i) Finding out the relative merits of Lanoline and Glycerine lymph at 12°C.
   (ii) Finding out the vesiculation rate per inch of different dilutions of Glycerine lymph experimentally produced.
   (iii) Finding out the best instrument for vaccination.

The number of observations made so far do not permit of any conclusive statements being made on the above. Some suggestions for further investigation are set forth in the Annual Report for 1928, and it is hoped that further results will be available at the end of the present year.

Health Department, Mysore City.

During the quarter, besides their daily supervision of conservancy work in the City, the sanitary staff inspected 561 houses to study their internal sanitary condition and suggest improvements on the spot. Likewise they inspected 50 mutton stalls, 55 coffee clubs, 14 eating houses, 21 aerated water factories and 10 bakeries and offered suggestions for improvement.

Four hundred and two notices were issued for improvement of sanitation and abatement of nuisance within

the notified time. Fifty two had to be prosecuted for failure to comply, 20 complied after prosecution, 21 cases were convicted, and the remaining were undisposed at the close of the quarter.

There were 525 births registered during the quarter, 103 of which were conducted by the Municipal midwives, 67 by the Gunamba nurses, 223 at Vani Vilas Hospital and 13 at Wesleyan Mission Hospital and the rest by private agencies.

Total deaths registered during the quarter were 668. Of these, deaths from consumption were 53, Enteric fever 8, Malarial fever 27, other Fevers 5, Pneumonia 86, other Respiratory diseases 15, Bowel complaints 83, Dropsy 65, Convulsions 73, Old age 78 and deaths from all other causes were 178.

There were 36 attacks with 26 deaths from plague. 1,174 persons were inoculated. Twenty-one rodents were examined of which 12 were found positive for plague, 4 negative and the rest decomposed.

There was no cholera.

There were 14 attacks with 7 deaths from small-pox; out of 1,430 unprotected children at the commencement of the quarter, 1,089 were vaccinated during the period.

There was only one case of Influenza which proved fatal.

There was no case of local rabies and 342 stray dogs were destroyed.

During the quarter, licensing of hotels, sweetmeat shops, coffee clubs, etc., was brought into force for the first time.

Vb

G:2741/C1 & 31.8.29.

Dear Sir,

I enclose herewith for favour of submission to His Highness a copy of the Quarterly Report of the Mysore Department of Health from 1st January to 31st March 1929 received from Dr. W.C. Sweet B.Sc., M.D.

Yours sincerely,

RG
30/8/29.

F.C. Devaraj Urs, Esq.,
Private Secretary to H.H. the
Yuvaraja of Mysore,
C/o, Messrs Thomas Cook & Sons,
L o n d o n.

JDM
29/8/29

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DEPARTMENT OF PUBLIC HEALTH IN MYSORE

No. for Q6

Enc.

Office of the Sanitary Commissioner
With the Govt. of Mysore,

Bangalore, Dated 21-9- 1929.

From

Dr. J.V. Karve, M.B., Ch.B., D.P.H.
Sanitary Commissioner in Mysore, BANGALORE.

GENERAL MISCELLANEOUS BRANCH
R 2026
25 SEP 19

Sen P.S. C-29-3

To

CHIEF SECRETARY,
25 SEP. 1929
Si

Rao Bahadur M.Ranga Rao Esq., B.A., B.L.,
Offg.Chief Secretary to the Government of
H.H. the Maharaja of Mysore, Bangalore.

I have the honour to intimate to you that as decided at the Meeting yesterday, the publication of quarterly review of Vital Statistics will be discontinued, in view of the quarterly reports of the Department now being published.

I have the honour to be

Sir,

Your most obedient servant

RB
25/9/29

Sanitary Commissioner M.G.

G.R.S. App. F VI G-2]

SUBJECT.....

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.....

Diary No. of letter replied to..... 198

Section San
File No. 6-29
Serial No. 4

General and revenue Secretariat

( )

the 192

Proceedings of the Government of His Highness the Maharaja of Mysore.

Date of issue..... 5.10.29.

Signed by..... Mr. N. D. Rao

Read—

Order no G.4843-60

Govt are pleased to direct that in view of the publication of the Quarterly report of the Mysore Dept of Public Health ~~Government is being published~~ ~~Order Thereon No.~~ superseded with effect from the 1st Jan 1929, the submission of the consolidated Quarterly review of Vital Statistics be discontinued

May this be

i Printed ?

ii treated as a standing order ?

iii published in the Gazette, English Part ?

iv translated ?

v placed at the disposal of the press ?

vi published in the Gazette, Kannada Part ?

to Govt

25/9/29 Chief Secy to Govt

To the Revenue Commr
Law Commr
Director of Public Health
Private Secy to the Hon'ble
the Chief Secretary to Govt

24/9/29